



Ministry of
Natural
Resources

Hon. Michael Harris
Minister

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Deputy Minister

Ministry of
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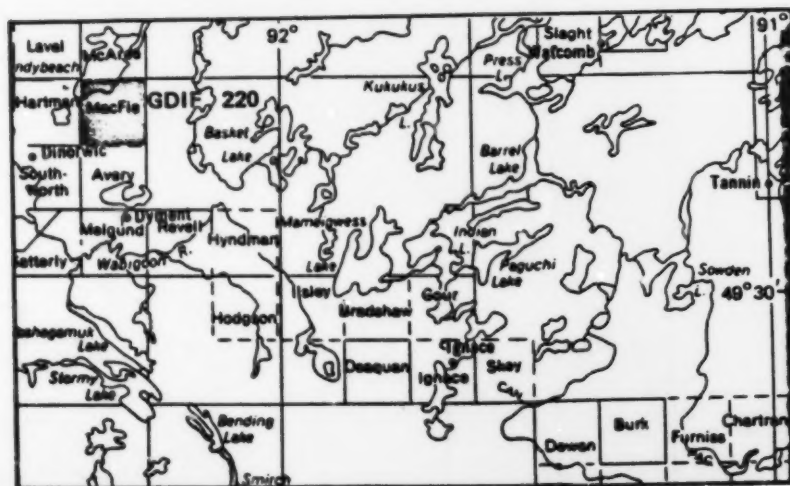
ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 220

MacFIE TOWNSHIP

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-0624-1

This project was partially funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

Ontario Geological Survey

Original Compilation by: M. Sawtelle, J.W. Redden 1982, 1983, 1984

Date	Page Revised	Revised by

Date	Page Revised	Revised by

MacFIE TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 Map

Exploration Data Map - 1 Map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL

CONVERSION FROM IMPERIAL TO SI

<i>SI Unit</i>	<i>Multiplied by</i>	<i>Gives</i>
----------------	----------------------	--------------

<i>Imperial Unit</i>	<i>Multiplied by</i>	<i>Gives</i>
----------------------	----------------------	--------------

LENGTH

1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km

AREA

1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha

VOLUME

1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³

CAPACITY

1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L

MASS

1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t

CONCENTRATION

1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	Yes	MOPS
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 Volumes	Yes	MOPS
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	MOPS
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	MOPS
6	ODM Industrial Mineral Reports	No	MOPS
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	MOPS
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	MOPS
9	Newspaper Clippings File	Yes	MOPS
10	GSC Index to Publications	No	MOPS
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	MOPS
12	OGS Index Maps	Yes	MOPS
13	Source Mineral Deposit Records (O.G.S.)	No	MOPS
14	Author - Subject Articles File	No	MOPS
15	Miscellaneous Papers: ODM & OGS	No	MOPS
16	ODM Geological Circulars: OGS Study Series		
17	ODM Preliminary Reports: ODM Bulletins	No	MOPS
18	ODM - OGS Open File Reports	No	MOPS
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	MOPS
20	OGS Aggregate Resources Inventory Papers	No	MOPS
21	OGS Mineral Potential Maps	Yes	MOPS
22	Aerial Photographs filed in Sioux Lookout & Kenora	Yes	MOPS

METALS AND MINERALS REFERENCES LIST

Δ anh. Anhydrite	Δ fu. Fuchsite	Δ Ni. Nickel	Δ st. Stone
Δ ank. Ankerite	Δ gn. Galena	Δ Nb. Niobium	Δ talc. Talc
Δ anna. Annabergite	Δ gt. Garnet	Δ Pd. Palladium	Δ Te. Tellurium
Δ ap. Apatite	Δ gos. Goethite	Δ peat. Peat	Δ td. Tetradedrite
Δ arg. Argentite	Δ Au. Gold	Δ pent. Pentlandite	Δ th. Thorite
Δ As. Arsenic	Δ gf. Graphite	Δ Pt. Platinum	Δ Th. Thorium
Δ asp. Arsenopyrite	Δ gl. Gravel	Δ py. Pyrite	Δ thuc. Thucholite
Δ asb. Asbestos	Δ gyp. Gypsum	Δ pyl. Pyrochlore	Δ ti. Titanite
Δ ba. Barite	Δ hem. Hematite	Δ pyrl. Pyrolusite	Δ Ti. Titanium
Δ be. Beryl	Δ il. Ilmenite	Δ po. Pyrrhotite	Δ tour. Tourmaline
Δ Bi. Bismuth	Δ Fe. Iron	Δ q. Quartz	Δ trap. Trap rock
Δ bn. Bornite	Δ IF. Iron Formation	Δ qcv. Quartz carbonate vein	Δ W. Tungsten
Δ bran. Brannerite	Δ jas. Jasper	Δ ra. Radioactive minerals	Δ uran. Uraninite
Δ bruc. Brucite	Δ kaol. Kaolinite (kaolin)	Δ RE. Rare Earths	Δ U. Uranium
Δ Cd. Cadmium	Δ ky. Kyanite	Δ sd. Sand	Δ verm. Vermiculite
Δ calc. Calcite	Δ Pb. Lead	Δ sgl. Sand and gravel	Δ Y. Yttrium
Δ carb. Carbonate	Δ lim. Limonite	Δ ss. Sandstone	Δ Zn. Zinc
Δ cel. Celestite	Δ Li. Lithium	Δ scap. Scapolite	Δ zr. Zircon
Δ cc. Chalcocite	Δ mgst. Magnesite	Δ shee. Scheelite	
Δ cp. Chalcopyrite	Δ mag. Magnetite	Δ serp. Serpentine	
Δ ch. Chert	Δ mc. Malachite	Δ sh. Shale	
Δ clay. Clay	Δ Mn. Manganese	Δ sid. Siderite	
Δ Co. Cobalt	Δ mb. Marble	Δ si. Silica	
Δ cob. Cobaltite	Δ mar. Marcasite	Δ Ag. Silver	
Δ cb. Columbite	Δ ma. Marl	Δ sl. Slate	
Δ Cu. Copper	Δ mi. Mica	Δ sm. Smaltite	
Δ cor. Corundum	Δ ml. Millerite	Δ sod. Sodalite	
Δ dol. Dolomite	Δ mo. Molybdenite	Δ spec. Specularite	
Δ ep. Epidote	Δ Mo. Molybdenum	Δ sp. Sphalerite	
Δ ery. Erythrite	Δ mon. Monazite	Δ spd. Spodumene	
Δ fel. Feldspar	Δ ne. Nephelinite (nepheline)	Δ staur. Staurolite	
Δ fl. Fluorite (fluor spar)	Δ nc. Niccolite	Δ stib. Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Alto Gardnar	Au	MDI K0455	MDC 16, p.36 MRC 13, p.153,238 MRC 16, p.7,36	Also referred to as the Sandybeach Lake Syndicate ODM Part II, Vol.I, p.58

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
COMPANY/AUTHOR (file number)																				
R	Beth-Canada M.C. 52 F/16 SW-0012-B1					79	79													
AC	Asarco Exploration Company of Canada L. 52 F/16 SW-0016-D1				70	70														
AK	Beth-Canada M.C. 52 F/16 SW-0021				79	79*				78										
AM	Beth-Canada M.C. 52 F/16 SW-0023																			
AN	Beth-Canada M.C. 52 F/16 SW-0024																			
AS	Alto-Gardnar 52 F/16 SW-0028-B1		38			38														
AT	Sandybeach Lake Syndicate 52 F/16 SW-0029 (misc.)		40		40	40			82											
BB	K&M Bernier 52 F/16 SW-0033-A1																			83
	*Fiche incorrectly shows rock geochem instead of assays																			

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT	COMPANY/AUTHOR (file number)																			
	(Kenora Mining Division files indicated below are available in the Sioux Lookout Resident Geologist's File) ZA Beth-Canada M.C. 52 F/09 NW Kenora (J-1) ZB Beth-Canada M.C. 52 F/09 NW Kenora (J-2)												79	79						

GDIF FORM NO. 2

DRILLHOLE SUMMARY		Company Name	Company Drillhole Number	Date Drilled	Bearing Degrees	Initial Dip of Hole Degrees	Thickness of Overburden in feet	Total Length of Hole in feet	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number										
1		Beth-Canada M.C.	79-05	Aug/79	360	-50	24.2	133.8m	py,po,cp,gf	Cu,Pb,Zn, Au,Ag
2		Beth-Canada M.C.	79-04	July/79	360	-50	35.4	140.4m	py,po,cp,sp	Cu,Pb,Zn, Au,Ag
3		Beth-Canada M.C.	79-06	Aug/79	360	-50	4.6	130m	py,cp,po,gf, fu	Cu,Pb,Zn, Au,Ag
4		Asarco Exploration L.	115	July/70	?	-45	89	210	gf,mag,po,cp	Cu,Ni,Pb
5		Sandybeach Lake Syndicate	1	1940?	139°36'	21°45'	0	190	py	
		Sandybeach Lake Syndicate	2	1940?	112	21°45'	1	192	py	

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number	Company Name								

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA					
No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
All	By: Spartan Air Services L. For: ODM-GSC	Magnetic Map 1146G 1"=1 mile Map 7105G 1"=4 miles	500'	N-S	1/2 mile
All	By: Terra Surveys L., et al For: OGS-GSC	Gamma Ray Spectrometry Maps P.1460-1466, P.1489, P.1490 Scale: 1:250,000	400'	N-S	3 miles
AM	By: Qeustor Surveys Limited For: Beth Canada Mining	Magnetic	400'	E-W	660'
AN	By: Qeustor Surveys Limited For: Beth Canada Mining	Electromagnetic	400'	E-W	660'

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No Data as of Dec/84			

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
No Data as of Dec/84				

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sioux Lookout

No Data as of Dec/84

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
	Geology of the Sioux Lookout Area (1932)	XLI	VI	1-33
	Sandybeach Lake Syndicate (1943)	LII		181
	Alto-Gardnar Claims in McFie Township Kenora District (1941) Appendix 1	L	II	58

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Blackburn, C.E. Beard, R.C. Rivett, Scott James, D.G. & Assts.	1973 to 1978	Geological Compilation Series, Ontario Geological Survey, Kenora-Fort Frances Sheet		2443	1"=2 miles 1:1 267 200
Breaks, F.W. Bond, W.D. Harris, N. Waterman, C.J. Desnoyers, D.W.	1976	Operation Kenora-Ear Falls, Sandybeach/ Route Lakes Sheet, District of Kenora, Ontario Division of Mines, Preliminary Map, Geological Series, Geology 1975.		P.1204	1"=1 mile 1:63 360
Chisholm, E.	1951	Recent Activities in the Sioux Lookout Area		Preliminary Report	
Gordon, J.B.	1977	Gold Deposits of Ontario, West Central Sheet, District of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane, OGS Preliminary Map, Mineral Deposits Series, Compiled 1974, 75 and 76.		P.1227	1"=16 miles 1:1 013 760
Hearst, M.E.	1932	Geology of the Sioux Lookout Area, Accompanied by Map No. 4lh		ODM Annual Report, Vol. XLI, Part VI	p.1-33
Monenco Ontario L.	1981	Evaluation of the Potential of Peat in Ontario. Map on page 173.		Occasional Paper No. 7	
Robertson, J.S. Vos, M.A. Springer, J.S.	1976	Mineral Potential Map of Ontario, West Central Sheet, Ontario Division of Mines, Mineral Deposits Series, Compiled 1972, 73 and 1975.		P.1098	1"=16 miles 1:1 013 760

SELECTED REFERENCES		Date	Reference	Map Scales and/or Report Pages
Author	Title			
Satterly, J.	Department of Mines Ontario, Geological Map of the Province of Ontario	1958	No. 1958B	1"=2 miles 1:1 267 200
Speed, A.A. Maxwell, G.J.	Sandybeach Lake Area, District of Kenora, OGS Map, Sioux Lookout Data Series, Compiled 1979.	1980	P.2334	1"=1/4 mi. 1:15 840
Springer, J.S.	Ontario Mineral Potential, Dryden Sheet, Districts of Kenora and Rainy River, OGS Preliminary Map, Mineral Deposits Series, Compilation 1977-78	1978	P.1530	1"=4 miles 1:250 000
Tanton, T.L.	Kenora Sheet, Geological Series, Ontario Department of Mines	1939	266A	1"=8 miles
	OGS, GSC, Airborne Gamma-Ray Spectrometry Survey, Total Count Contours, Dryden Sheet, District of Kenora and Rainy River, OGS Survey and Compilation 1976, Geoph. Series.	1977	P.1460	1"=4 miles 1:250 000
	OGS, GSC, Airborne Gamma-Ray Spectrometry Survey, Profiles of Integral K.U,Th (U/Th) x 1000, (U/K) x 1000. Height (feet) for line 76. Dryden Sheet, District of Kenora and Rainy River. OGS Preliminary Map, Geophysical Series, Survey and Compilation 1976.	1977	P.1494	1"=4 miles 1:250 000

NOTES AND ADDENDA

Aerial Photograph Index

Scale: 1"= 1/4 mile 1:15 840

<u>YEAR</u>	<u>LINE</u>	<u>NUMBERS</u>
1975	4931	7 - 14 incl.
1975	4932	193 - 200 incl.
1965	4933	16 - 23 incl.

(Kenora Files)

1975	4932	193 - 201 incl.
	4931	7.6 - 7.12

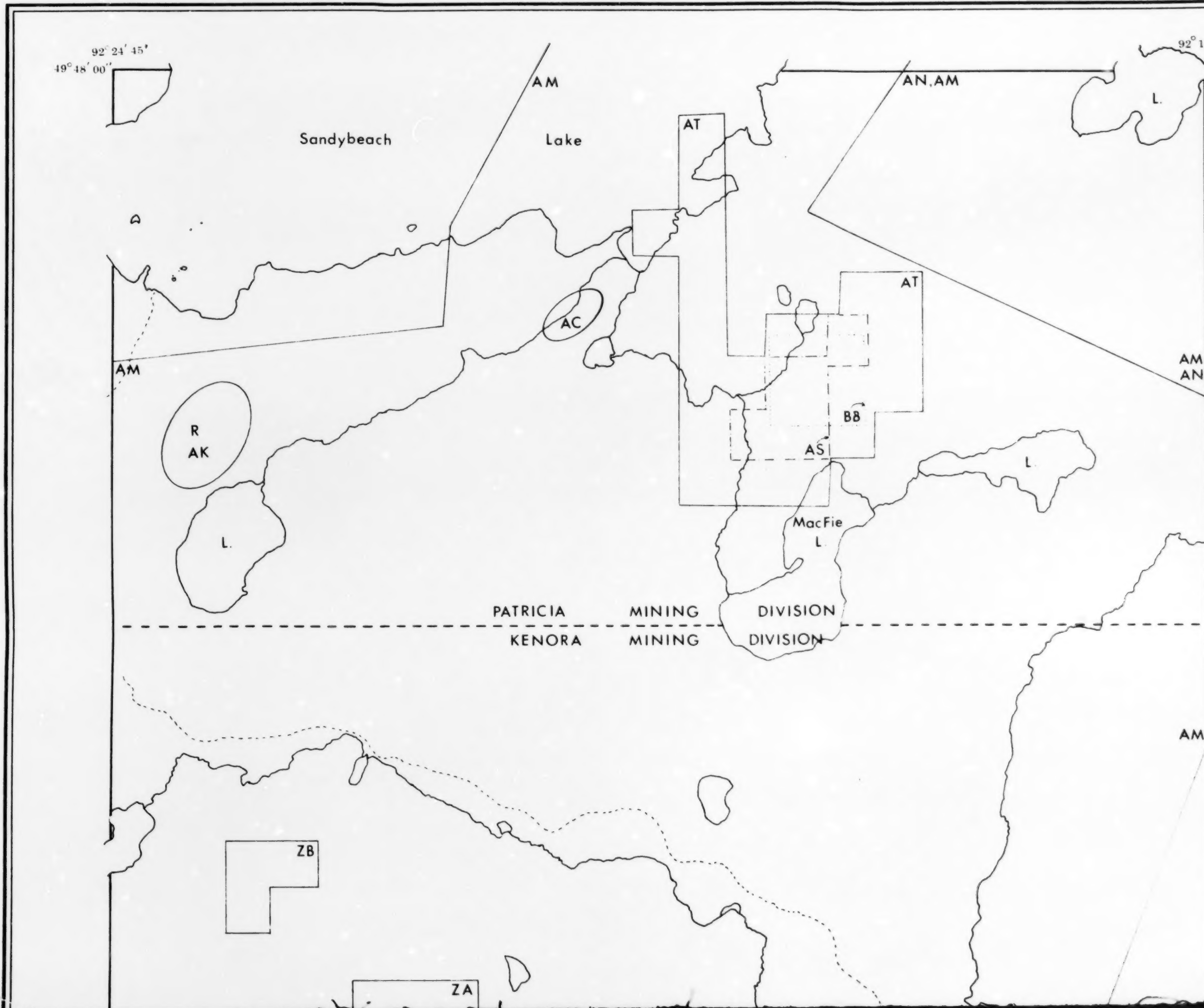
Scale: 1"=1 mile 1:15 840

Unknown	A13563	36 - 38 incl.
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District Office Files

1982	4932	182-187 incl., 200-209 incl.
1982	4933	134-146 incl.

Forest Resources Inventory Type Maps 1:15 840



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ONTARIO GEOLOGICAL

PROPERTY

GEOLOGICAL DATA

Map

MacFIE T

DISTRICT

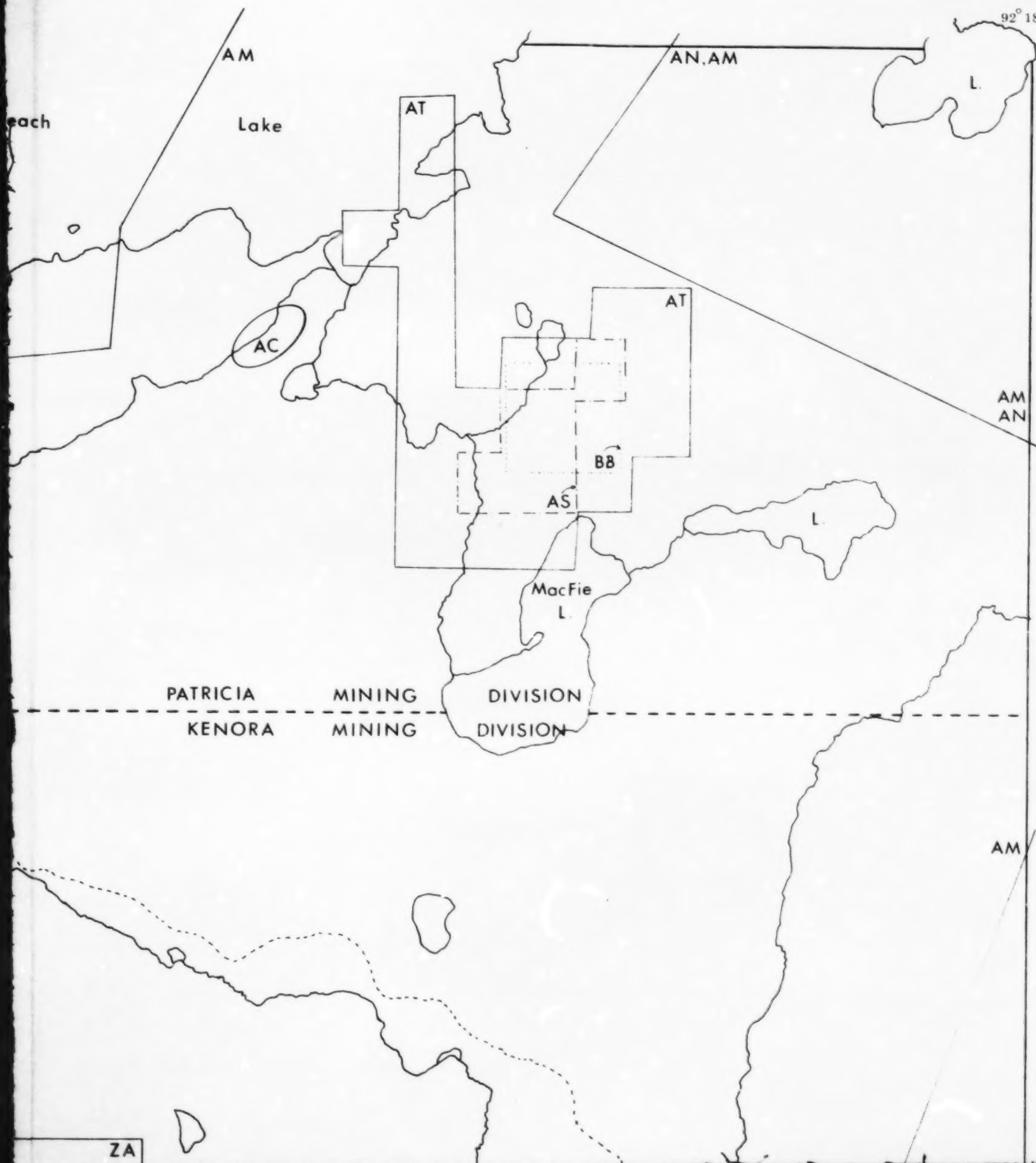
Scale



EXPLORATION

- ☒ ① ⑥ Reference list
See listing in
- ☐ x ④ Small area of
- ☐

Hon. Michael



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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 220

(Map 1 of 2)

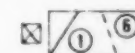
MacFIE TOWNSHIP

DISTRICT OF KENORA

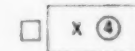
Scale 1:31 680



EXPLORATION DATA FILE AREAS



Reference letter is always inside work area outlined.
See listing in text pages.



Small area of exploration



Hon. Michael
Minister
Mary Mogford
Deputy Minister

ONTARIO G

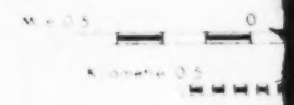
PROPERTY

GEOLOGICAL DATA

(Map)

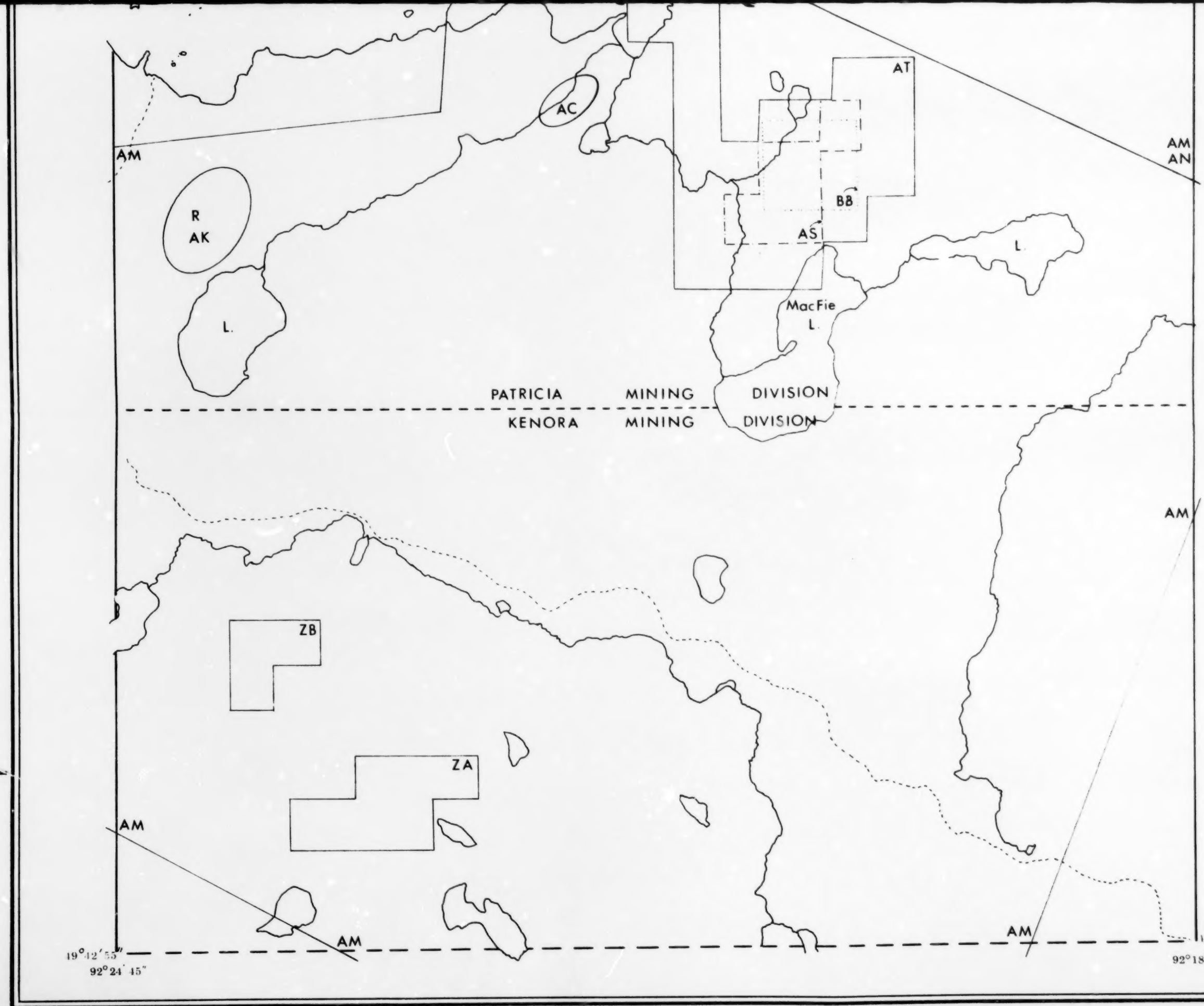
MacFIE T

DISTRICT



EXPLORATION

- ☒ Reference See listing
- ☐ Small area
- ☐



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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 220

(Map 1 of 2)

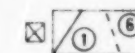
MacFIE TOWNSHIP

DISTRICT OF KENORA

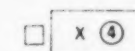
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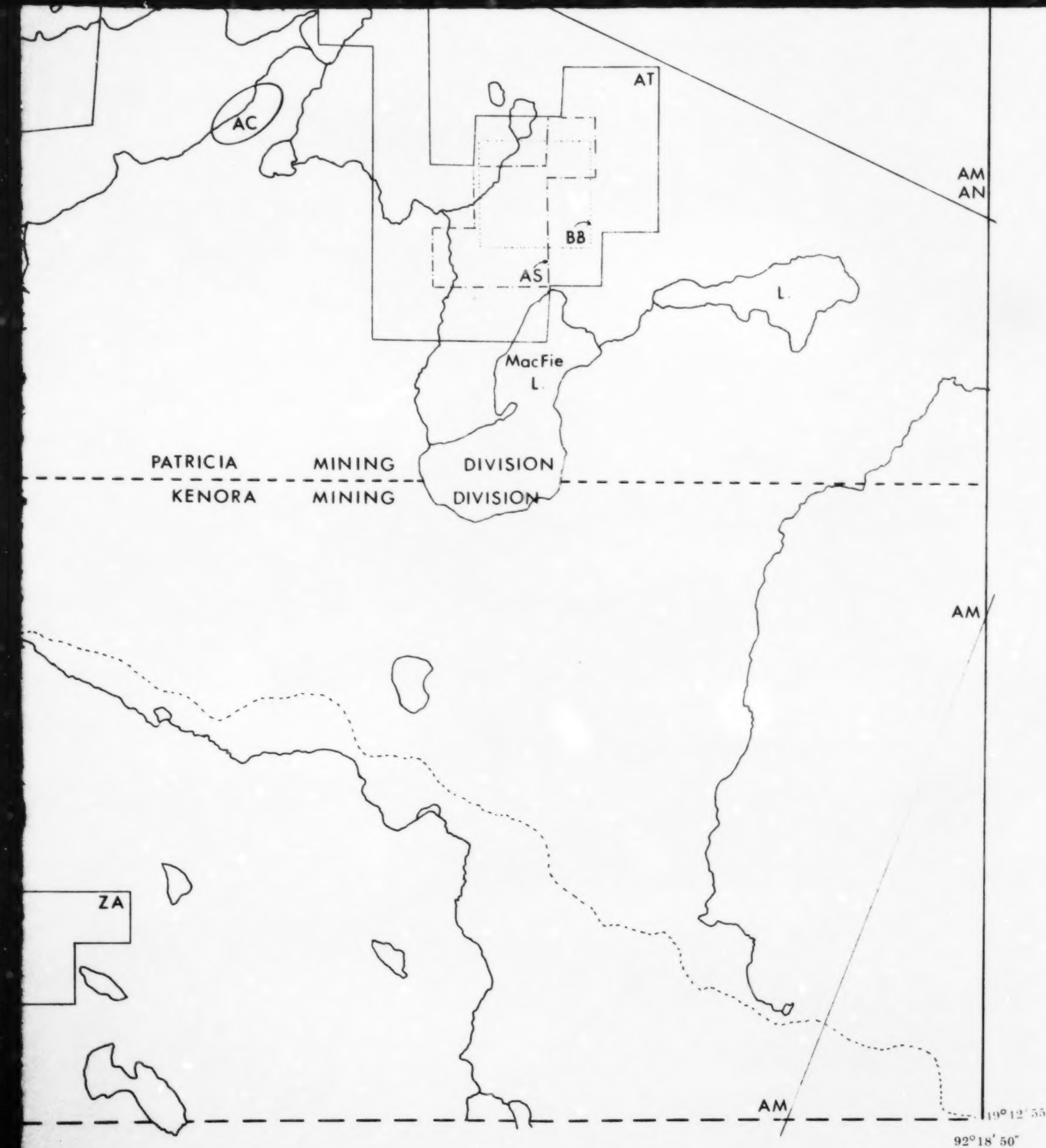
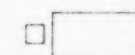
EXPLORATION DATA FILE AREAS



Reference letter is always inside work area outlined.
See listing in text pages.



Small area of exploration



92° 24' 45"
49° 48' 00"

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

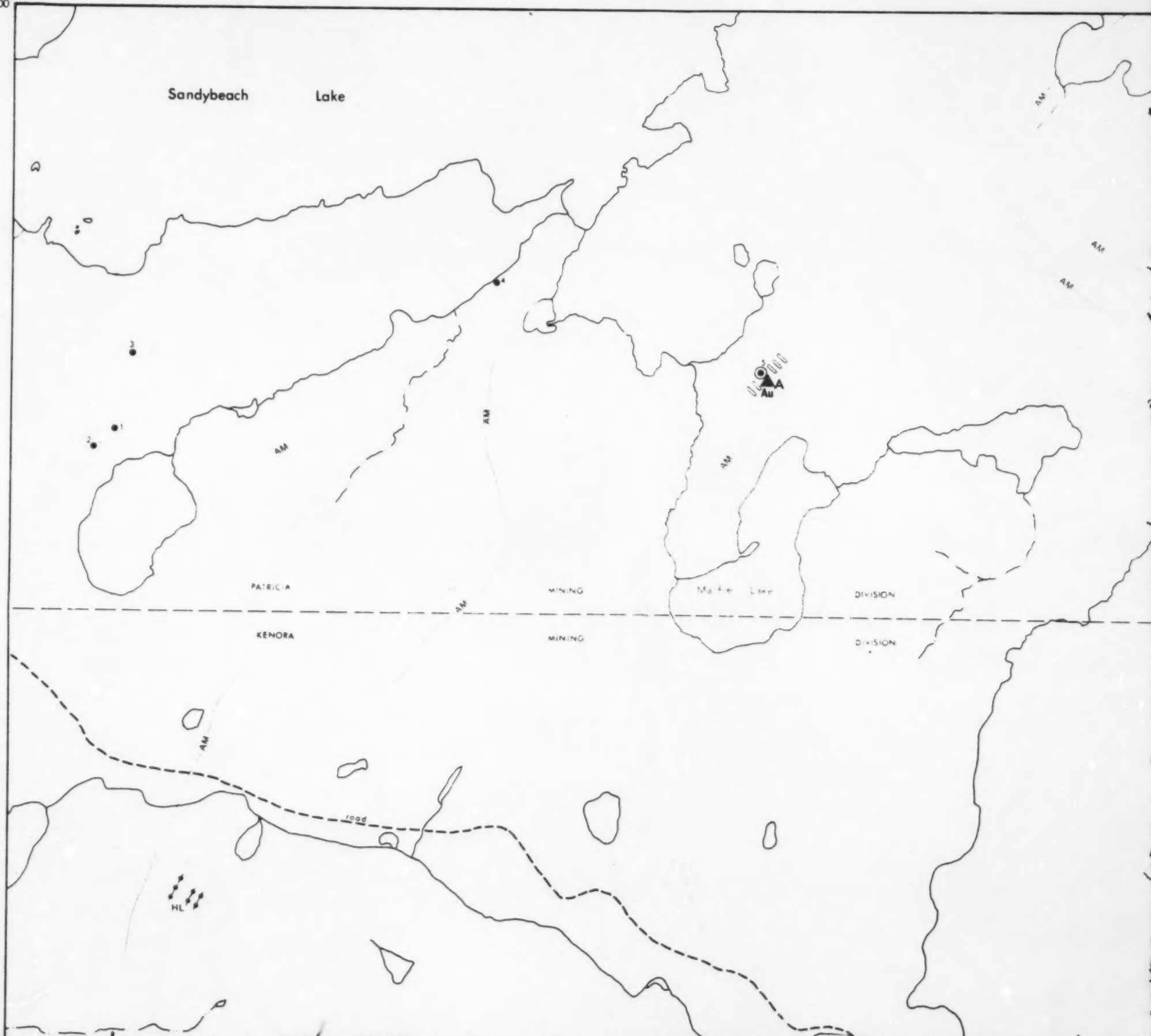
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- ☐  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number
- ☐ 

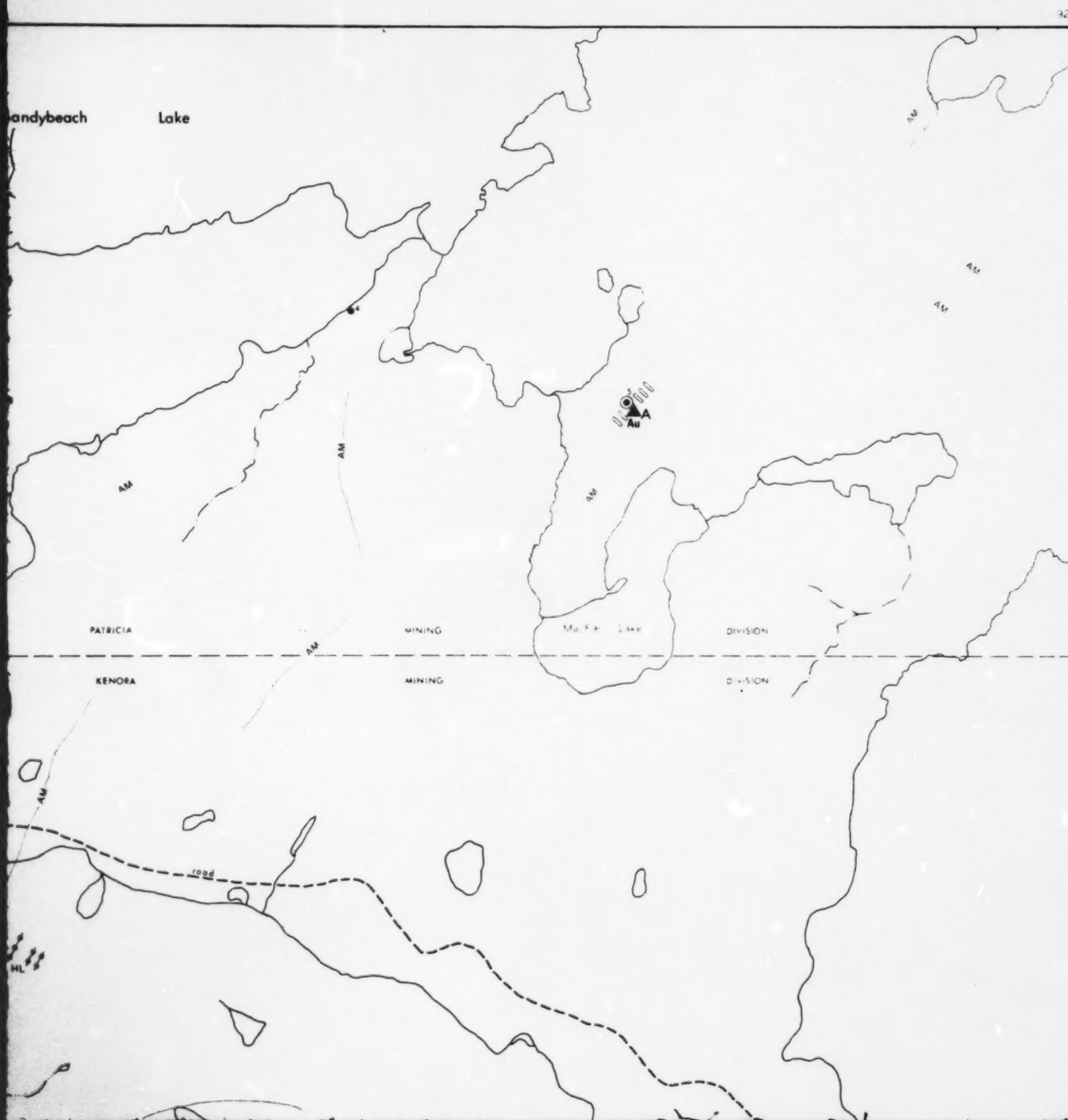
GEOPHYSICAL ANOMALIES

- ☒  Airborne Magnetometer Anomaly
- ☐  Airborne Electromagnetometer Anomaly
Length of anomaly along flight line
- ☐  Airborne Electromagnetometer Anomaly
Location of anomaly along flight line
- ☐  Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible
- ☐  Airborne Radiometric Anomaly
- ☐  Ground Magnetometer Anomaly
- ☒  Ground Electromagnetometer Anomaly
(VL - Vertical Loop, HL - Horizontal Loop,
VLF - Very low freq. Turam, JEM
Crone EM 16)
- ☐  Ground Radiometric Anomaly
- ☐  Induced Polarization Anomaly
- ☐  Self Potential Anomaly
- ☐  Audio-frequency magnetometer anomaly
(total intensity)
- ☐  Resistivity Anomaly
- ☐  Gravity Anomaly
- ☐ 

MISCELLANEOUS DATA

- ☒  Trenching, pit
- ☐  Adit
- ☐  Open pit
- ☐  Rock quarry
- ☐  Sand and/or gravel pit
- ☐ 





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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 220

(Map 2 of 2)

MacFIE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

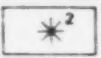
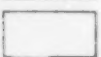
TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

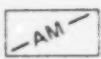
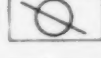
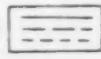
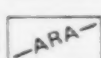
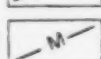
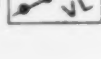
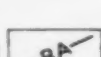
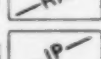
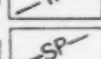
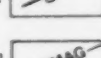
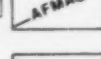
- ☒ Mineral occurrence at surface, with reference letter
- ☐ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized Float with reference letter
- ☐

DRILL HOLES

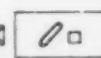
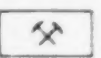
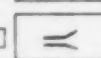
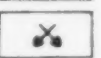
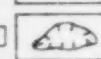
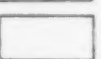
- ☒ Location of single drill hole, with reference number
- ☒ Location of closely spaced group of drill holes, with reference number
- ☐ Drill hole, exact location uncertain, with reference number.
- ☐ Property with underground drill holes in this general area, with reference number

- ☒  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number
- ☐ 

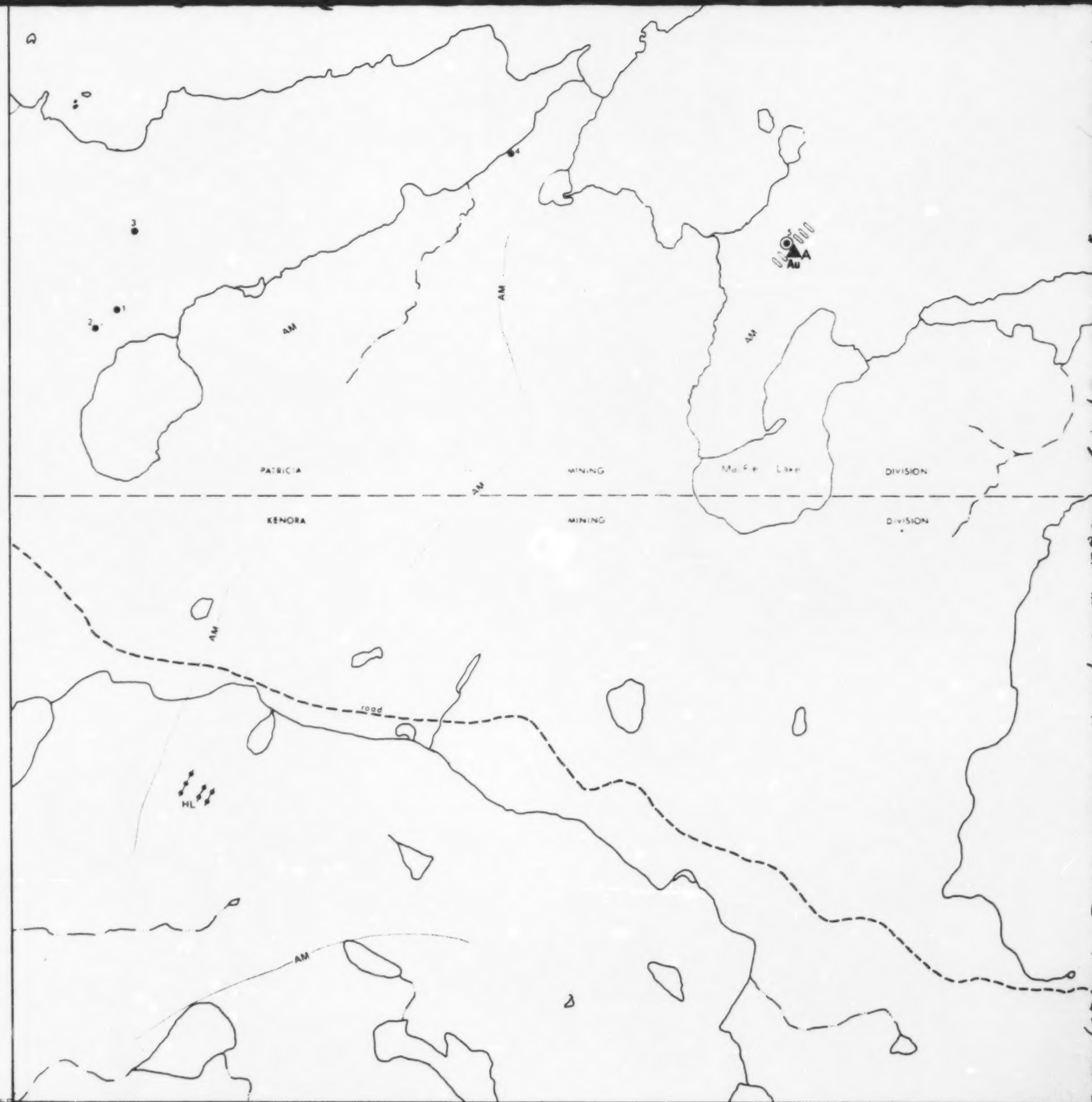
GEOPHYSICAL ANOMALIES

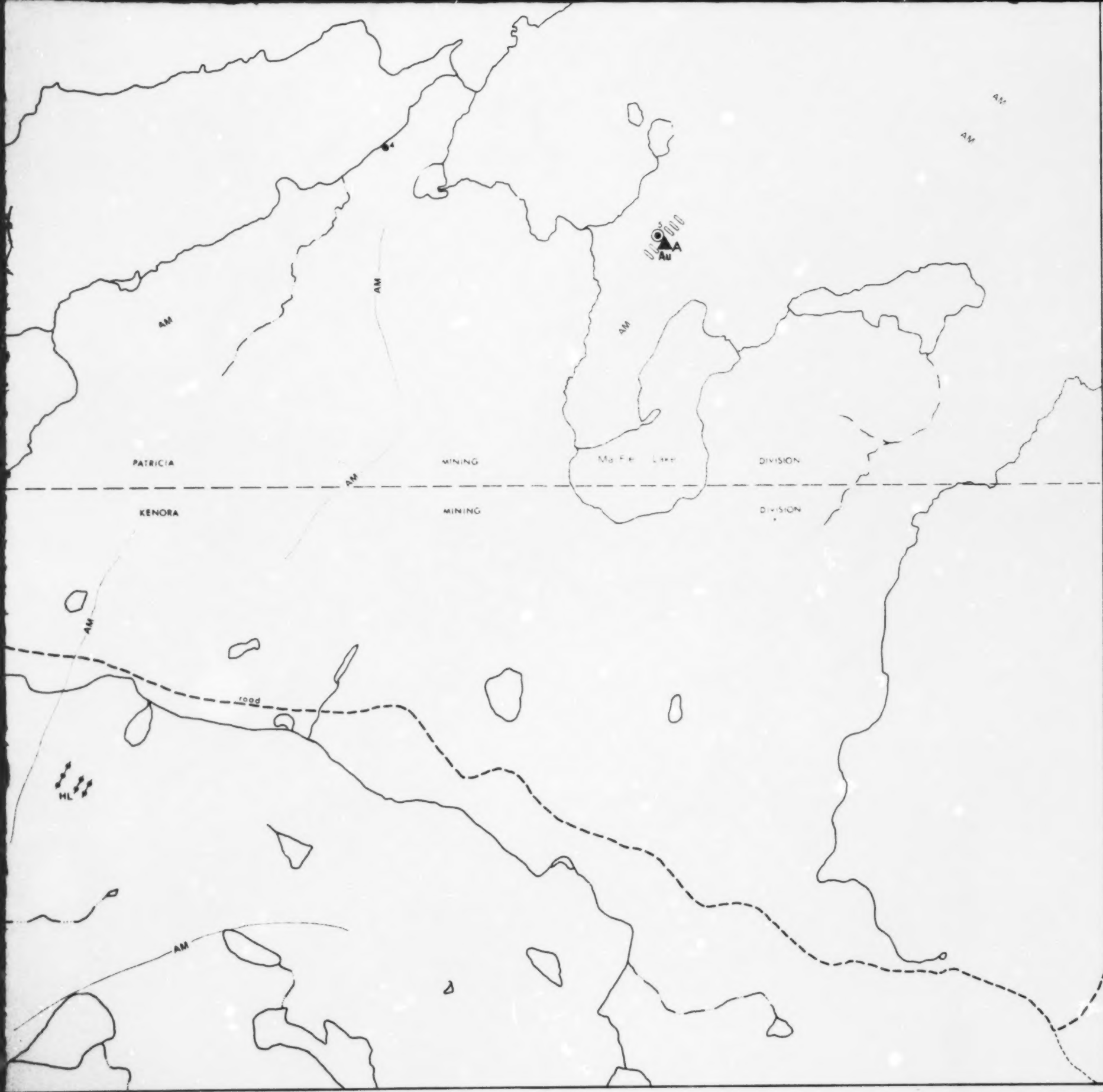
- ☒  Airborne Magnetometer Anomaly
- ☐  Airborne Electromagnetometer Anomaly
Length of anomaly along flight line
- ☐  Airborne Electromagnetometer Anomaly
Location of anomaly along flight line
- ☐  Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible
- ☐  Airborne Radiometric Anomaly
- ☐  Ground Magnetometer Anomaly
- ☒  Ground Electromagnetometer Anomaly
(VL - Vertical Loop, HL - Horizontal Loop,
VLF - Very low freq, Turam, JEM
Crone EM - 16)
- ☐  Ground Radiometric Anomaly
- ☐  Induced Polarization Anomaly
- ☐  Self Potential Anomaly
- ☐  Audio-frequency magnetometer anomaly
(total intensity)
- ☐  Resistivity Anomaly
- ☐  Gravity Anomaly
- ☐ 

MISCELLANEOUS DATA

- | | |
|--|---|
| ☒  Trenching, pit | ☐  Rock quarry |
| ☐  Adit | ☐  Sand and/or gravel pit |
| ☐  Open pit | ☐  |
| ☐  | |

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





MacFIE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ Mineral occurrence at surface, with reference letter
- ☐ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized Float with reference letter
- ☐

DRILL HOLES

- ☒ Location of single drill hole, with reference number
- ☒ Location of closely spaced group of drill holes, with reference number
- ☐ Drill hole, exact location uncertain, with reference number.
- ☐ Property with underground drill holes in this general area, with reference number
- ☐ Property with drill holes which have not been plotted on map, with reference number
- ☐ Reverse Circulation Drill Hole; Churn drilling, with reference number
- ☐

49°42'55"
92°18'50"